Skyworth

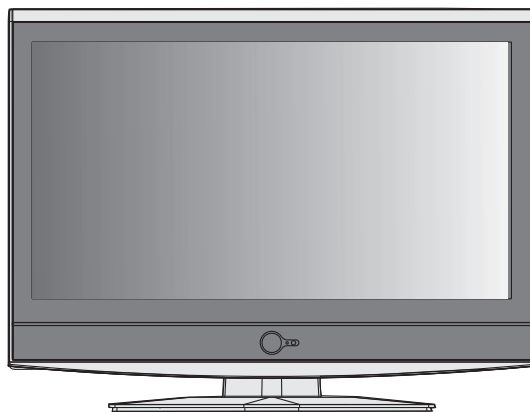## Instruction Manual

LCD-32L16H

32" LCD TV/MONITOR

WARNING AND PRECAUTION

Read all of the instructions before operating the set. Keep these instructions well for later use.

PRODUCT

◆ The ventilation should not be impede by covering the ventilation openings with items, such as newspaper, table-cloths, curtains, etc.

◆ Do not push any objects of any kind into this unit through the cabinet slots as they could touch the current carrying parts or short-circuit parts, resulting in fire, electric shock, or damage to the unit.

◆ Unplug the set when it is not used for a long period of time.

◆ Do not dismantle this product by yourself as this may cause damage.

◆ Do not touch the screen surface with fingers as this may scratch or mar the LCD screen.

◆ Do not impact the LCD screen with hard pressure as this may damage the LCD screen severely.

◆ The battery (battery or batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.

POWER

◆ Please use the core plug as required.

PLUG

Unplug the set under the following conditions:

◆ If the set will not be used for a long period of time.

◆ If the power cord or the power outlet/plug is damaged.

◆ Follow the instructions to install and adjust the product. Adjust those controls that are covered in this operating instructions as improper adjustment of other controls may result in damage. If this happens, unplug the set and refer to the service personnel.

◆ If the set is subject to impact or has been dropped to have the cabinet damaged.

◆ The mains plug is used as the disconnect device and shall remain readily operable.

POWER CORD & SIGNAL CABLE

◆ Do not allow anything to rest on or roll over the power cord & signal cable.

◆ Protect the power cord & signal cable from being trampled.

◆ Do not overload the power cord or power outlet.

◆ Do not expose the power cord & signal cable to moisture.

WARNING AND PRECAUTION

USE ENVIRONMENT

◆ Do not install this equipment in a confined space such as a book case or similar unit. To prevent injury, this apparatus must be securely attached to the wall mount fastened on the wall.

◆ Place the set on a place that allows good ventilation.

◆ Do not use the set near damp, and cold areas, protect the set from overheating.

◆ Keep away from direct sunlight.

◆ The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

◆ Do not use the set near dust place.

◆ To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

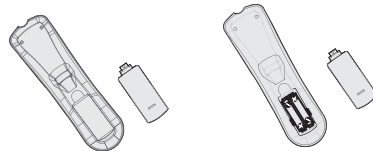◆ No naked flame sources, such as lighted candles, should be placed on the apparatus.

CLEANING

◆ Dust the set by wiping the screen and cabinet with a soft, clean cloth or some special liquid cleaner.

◆ Do not apply excessive force to the screen when cleaning.

◆ Do not use water or other chemical cleaner to clean the screen as this may damage the surface of the LCD screen.

SETUP

Insert The Batteries

1 Remove the battery cover by pressing it and sliding it down.
2 Insert the two 1.5V (AAA size) batteries making sure the polarity (+ or -) of the batteries matches the polarity marks Inside the unit.
3 Replace the battery cover by sliding it in until you hear a click sound.
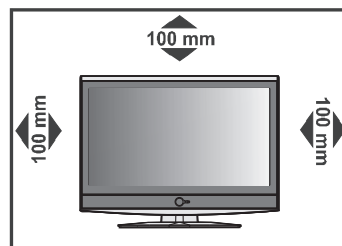
Precautions when using batteries
• Do not use old and new batteries together.
• Do not use different types of batteries (for example, Manganese and Alkaline batteries) together.
• Note that there are chargeable and non-chargeable batteries. Do not attempt to charge non-chargeable batteries.
• Remove the batteries from the remote control unit if you do not intend to use the unit for a long time. Precautions when using the remote control unit
• Do not drop the remote control unit.
• Do not subject the remote control unit to physical shocks.
• Keep the remote control unit dry. May cause the unit to malfunction.
• Replace the batteries with new ones when operation of the unit deteriorates.

TV Installation

Install Display on solid horizontal surface such as a table or desk. For ventilation, leave a space of at least 10 cm free all around the set. To prevent any fault and unsafe situations, please do not place any objects on top of the set. This apparatus can be used in tropical and/or moderate climates.

100 mm
100 mm
100 mm

SETUP

- Locate the receiver in the room where direct light does not strike the screen.
- Total darkness or a reflection on the picture screen can cause eyestrain. Soft and indirect lighting is recommended for comfortable viewing.
- Allow enough space between the receiver and the wall to permit ventilation.
- Avoid excessively warm locations to prevent possible damage to the cabinet or premature component failure.
- This TV operates on AC supply directly, connect the AC plug to the socket at the back of the TV. Insert the mains plug in the socket having a mains voltage of 100-240V AC.
- Do not install the receiver in a location near heat sources such as radiator, air ducts, direct sunlight, or in a place somewhere like close compartment and close area. Do not cover the ventilation openings when using the set.

Features

- Up to 200 programme memory.
- Program Organiser .
- Sleep timer.
- 4:3 format , 16:9 format ,14:9 zoom , 16:9 ZOOM1,16:9 ZOOM2 picture modes.
- When no TV signal is dectected, after 15 minutes the TV switches itself automatically to stand-bymode.
- CYS: PAL / SECAM / NTSC
- SYS: BG/DK / I / M
- HDMI Input (support up to 1080P)
- PC Input (support up to 1080i)
- NICAM Stereo / AV Stereo

In The Box

You should have:

- Television
- Remote control
- User Guide
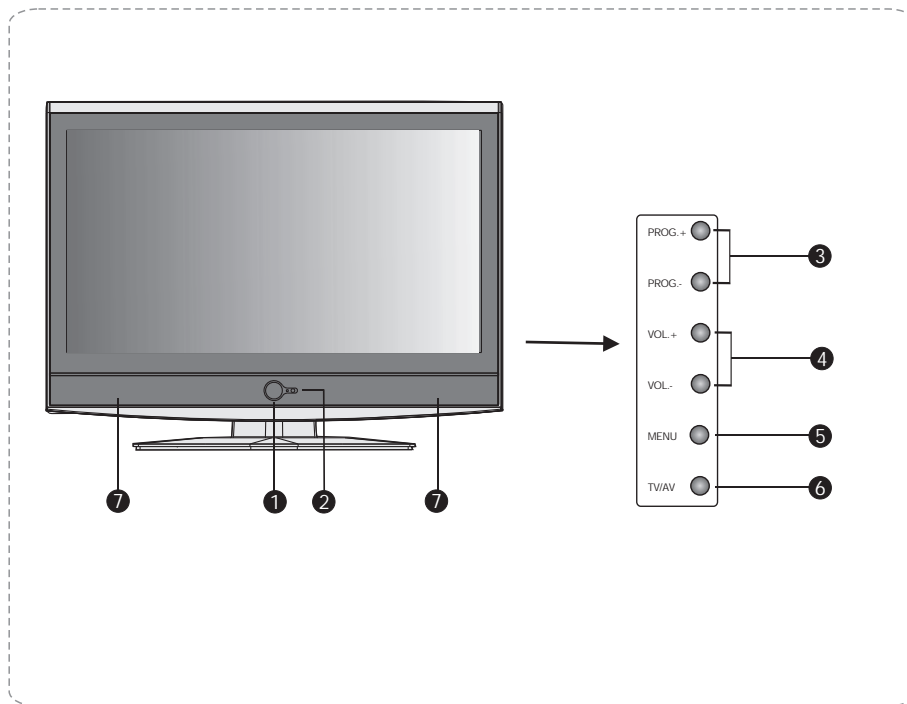- Warranty Card
- 2 x AAA battery
- Stand
- Wall mount

Panel Features

- High resolution (1366x768), 32" TFT LCD display.
- Brightness: 500cd/m^2
- High-speed response time <8msec.
- 8-bit color depth, display 16.2M colors.
- High contrast ratio (1200:1 Typital)
- Viewing angle:178^0(H)/178^0(V)(CR>10).

FRONT PANEL

Note: The graphics are for representation only.

1.Power button

2. Power Indicator/Remote Sensor
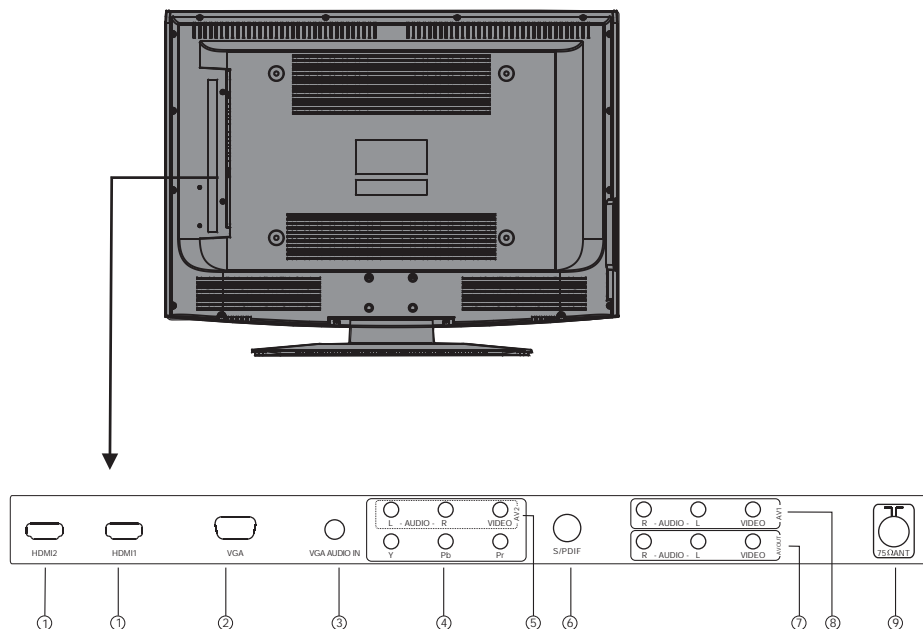
3.Program Up/Down button

4.Volume Up/Down button

5. Menu button

6. TV/AV button

7. Speakers

FUNCTIONAL PARTS

BACK PANEL

1. HDMI1\HDMI2: Connect HDMI input signal from signal source such as DVD.
2. VGA: Connect a PC via a VGA cable.
3. VGA AUDIO IN: Connect audio signal from PC.
4. Y Pb Pr(HDTV): Connect RCA cable to connect DVD player or other video device's YPbPr output.
5. AV2: Connect AUDIO and VIDEO input signal from signal source such as DVD.
6. S/PDIF : Connect digital AUDIO output signal.
7. AV OUT : Connect AUDIO and VIDEO output signal.
8. AV1 : Connect AUDIO and VIDEO input signal .
9. ANTENNA IN: Connect a coaxial cable to receive signal from the antenna or cable.

OPERATION INSTRUCTIONS

Remote Control Unit

1 POWER (STAND BY) BUTTON (⏻)
Press this button to turn the TV on/off.

2 MUTE BUTTON (⫷)
Press once to mute the sound, press again to return to preset sound level.

3 PROGRAM SELECTION BUTTONS (0-9)
You could select program you want with 0-9 button. For program up to 100-199, you need press three digit number quickly, then TV will go to the program directly. For program between 10-99, you need press two digit number according program quickly and wait, then TV will go to the program. For program between 0-9 , just press one digit and wait .

4 AV/TV BUTTON
Press this button to display external video signal Such as TV/AV IN/HDTV/ VGA/HDMI1/HDMI2.
Press up/down arrow key to select item and press left/right arrow key to enter selected item.

5 QUICK VIEW BUTTON (RECALL)
Press this button to return to the previously viewed program.

6 SLEEP BUTTON(SLEEP)
Press this button to set the sleep timer. When the preset length of time has passed, the TV set Enters standby mode. The time change(minutes):10,20,30,40,50,60,90,120, off.

7 INFO BUTTON
Press this button to display the settings on the screen.(e.g. Channel number for TV input, channel name, colour system).

8 PROGRAM UP/DOWN BUTTONS (PROG. +/-)
Press the PROG. + button to select the program Forwards. Press the PROG.- button to select the program backwards.

9 VOLUME UP/DOWN BUTTONS (VOL. +/-)
Press VOL +/- buttons to adjust sound level. Or adjust the volume of each item in the menu status.

OPERATION INSTRUCTIONS

Remote Control Unit

10 Left Right arrow/Zoom-/+ (Z- / Z+)
Press to change the screen format: 4:3 format, 16:9 format, 14:9 ZOOM, 16:9 ZOOM1, 16:9 ZOOM2.

11 OK BUTTON (OK)
Press to enter selected item.

12 CURSOR button(◄► /▲▼)
Left/Right/Up/Down direction keys for selecting menu items or signal sources.

13 MENU BUTTON (MENU)
Press this button to enter the menu screens for various Optional adjustable settings.

14 EXIT BUTTON
Press to exit MENU directly.

15 PICTURE Button
Press to change the picture setting :Normal , soft , personal, bright .

16 SOUND Button
Press to change the sound setting :standard, Music, Film, Voice, Personal .

17 Fav. BUTTON
Press Fav. button to switch favourite channel which you had set in Favourite channel MENU. If there is no channel in Favourite channel list, there is no response for this Fav. Button.

18 SOUND MODE BUTTON(NICAM)
Press this button, you can select different sound mode when the source is different.The NICAM selection is common for all TV channels .
TV SOURCE
1. MONO: MONO
2. STEREO: MONO, STEREO
3. DUAL : MONO, DUAL1, DUAL2

19 PIP ON/OFF
Press this button to switch on or off PIP function .
PIP function is available in HDTV, VGA, HDMI mode only.

20 PIP SOURCE
Press this button to select PIP source from TV, AV when PIP is active.

21 PIP SOUND
Press this button to select current sound output from main or PIP source when PIP is active .

22 PIP SIZE
Press this button to change PIP picture size , Normal or Zoom when PIP is active .

23 TEXT BUTTON
This button is used for entering the teletext MENU.

24 MIX BUTTON(OPTION)
the button is used as closing /opening the teletext Background.

25 HOLD BUTTON
Press this button to hold the Teletext page without update to prevent the page from changing. Press again to release the hold state.

26 SIZE BUTTON
Press this button you can select different image sizes: Normal, double high top, double high bottom.

27 INDEX BUTTON (OPTION)
Press this button to enter the Teletext's index MENU.

28 SUB.PAGE BUTTON (OPTION)
Subcode mode, gives, the possibility to select certain subcode pages of a teletext page.

29 REVEAL BUTTON (OPTION)
Press this button to reveal the hidden information for some Teletext pages press again to hide the information.

30 CANCEL BUTTON (OPTION)
Press this button to appear the TV signal on the background.

31 F1-F4 (OPTION)
These four color key are for relative fast teletext function in the bottom of teletext page and organizer function relative operation .

Teletext

Teletext is an information system that displays text on the TV screen. Using the Teletext information system you can view a page of information on a subject that is available in the list of contents (index).

On screen display is not available in text mode.

Contrast, brightness or colour control is not available, but volume control is available in text mode.

To operate Teletext

• Select a TV station on which Teletext is being transmitted.
• Press "Text" button. Usually the list of contents (index) is displayed on the screen.

To select a page of Teletext

• Press the appropriate digit buttons for the required Teletext page number.

The selected page number is displayed at the top left corner of the screen. The Teletext page counter searches until the selected page number is located, so that the desired page is displayed on the screen.

• Press Up arrow key to move the Teletext screen forward one page at a time.

• Press Down arrow key to move the Teletext screen backward one page at a time.

To Select Index Page

• To select the page number of the index (generally page 100), press "INDEX" button.

To MIX Teletext with a TV Programme

• Press "MIX" button. The text is now superimposed over the programme on the screen.

• Press "MIX" button again to return to the Teletext page.

To Select Double Height Text

• Press " SIZE " button for the top half of the in- formation page to be displayed in double height text.

• Press "SIZE" button again for the bottom half of the information page to be displayed in double height text.
• Press "SIZE" button once more for the full page of normal height text.

To Reveal "concealed" Information

• Pressing "REVEAL" button once will reveal answers on a quiz or games page.

• Pressing "REVEAL" button again will conceal the revealed answers.

To Stop Automatic Page Change

The teletext page selected may contain more information than that shown on the screen; the rest of the information will be displayed after a period of time. You could stop it by press "HOLD" button.

To Select a Subcode Page

Subcode pages are subsections of long Teletext pages that can only be displayed on the screen one section at a time.

• Select the required Teletext page.

• Press "SUB.PAGE" button.

• Select the required subcode page number by pressing four digit buttons (e.g. 0001).

• If the selected subcode page is not displayed in a short time, press "SUB.PAGE" button. TV programme will be displayed on the screen.

• Teletext page number will be displayed on the upper left corner of the screen when the selected page is found.

Fastext

This TV supports a 1000 page Teletext system. So TV will display text page you required quickly .

- Press Up arrow key to move the Teletext screen forward one page at a time.
- Press Down arrow key to move the Teletext screen backward one page at a time.

For Fastext

The subject-heading for the information may have a particular colour.

- Press an appropriate **Red**, **Green**, **Yellow** or **Blue** button in order to reach the relevant page quickly.

To Cancel TEXT

- Press "CANCEL" button to clear the TEXT. But the page number is still displayed on the left top of the screen.
  NOTICE: However, Teletext is playing all the same on the background at the time.
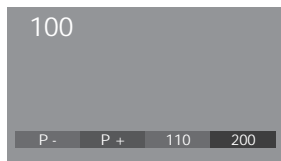- Press " CANCEL" button again to resume the TEXT.

To Freeze TEXT

- Press "HOLD" button to hold a Text Page. This means the page will not change and refresh.
- Press the button again to release the hold state.

To exit Teletext

Press the " TEXT " or " EXIT" button. The screen will switch to TV mode.

Note : If there is no teletext signal in your region , when you press "TEXT" button , you could entry teletext mode also , but TV will show top and bottom line only as graphics below , all teletext function is not available .

100			
P -	P +	110	200

ANALOG MENU SCREENS

1. Plug in the power cord and switch on power switch . The power indicator will light up.
If TV is in stand by mode. Then Press" ⏻ " Key. The picture will display in few minutes.

MENU BUTTON
1.Press menu button to display menu, and press left/right arrow key to select sub menu.

PICTURE → SOUND → INSTALLATION → TIMER → PREFERENCE → PARENTAL CONTROL

2.After entering an item, you can select the desired adjusting item by the up/down
arrow key and adjust It by the left/right arrow key buttons.

Picture menu

Picture	
Picture Preset	Bright
Contrast	90
Brightness	50
Colour	75
Sharpness	50
Tint	0

MENU Return   EXIT Exit

Picture	
Brightness	50
Colour	75
Sharpness	50
Tint	0
Noise Reduction	Medium
Color Temp.	◄ Neutral ►

MENU Return   EXIT Exit

Enter picture menu, you can select Picture
Preset, Contrast, Brightness, Colour, Sharpness,
and Noise Reduction. items by pressing
up/down arrow key.

Picture Preset
Press the left/right arrow key to change the
Picture Preset. Such as SOFT, NORMAL, BRIGHT,
Or Personal. Choose the setting that is best for
your viewing environment.

Contrast
Press the left/right arrow key to increase
/Decrease the contrast of the picture.

Brightness
Press the left/right arrow key to lighten/darken
the picture.

Colour (not available on PC)
Press the left/right arrow key Adjusts the
richness of the color.

Sharpness
Press the button to sharpen or soften the picture.
(Not available on PC and HDMI input .)

Tint
Press the left/right arrow key to adjust tint.
(Available for NTSC .)

Noise reduction
Press the button to select off, low, mid, high to
adjusts the dynamic noise reduction level of
image.(Not available on PC and HDMI input .)

Color Temp
Press left/right arrow key to change picture color
temperature such as neutral, warm and cool .

ANALOG MENU SCREENS

Sound menu

Enter Sound menu, you can select Sound Mode, Balance, Treble, Bass, Auto Volume Level. Items by pressing up/down arrow key.

Sound Mode
Press the left/right arrow key to select the audio mode. The audio mode are Standard, Music, Film, Voice, Personal.

Balance
Press the left/right arrow key to adjust to the left to right sound channel volume.

Treble
Press the left/right arrow key to adjust the high frequency signal value.

Bass
Press the left/right arrow key to adjust the bass boost value.

Auto Volume Level
Press left/right arrow key to switch AVL function on/off. AVL function is not available except TV mode.

TV Speaker
When select Internal, sound is output from TV speaker , S/PDIF and audio of AV OUT is mute ; when select External, TV speaker is mute , S/PDIF and audio of AV OUT is active as output for external speaker .

Installation menu

Enter Installation menu, you can search, and edit channel or favorite program by pressing up/down arrow key.
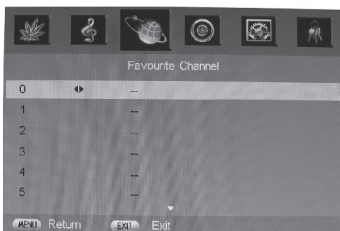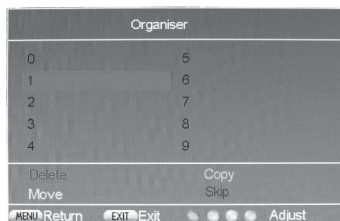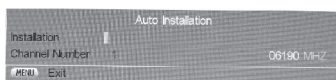
Language
Press the left/right arrow key and MENU buttons to select the osd Language.

Channel Number
You could change and display channel number you want.

ANALOG MENU SCREENS

Installation menu

Channel Name
Display channel name, you could edit it if press "OK" to enter edit sub menu. use up/down arrow key to change name of program in the edit sub menu.

Colour Sys
Press the button to select a new colour standard value in TV. The choices are AUTO, PAL, NTSC and SECAM.

Sound Sys
Press the button to select a new sound standard value in TV. The choices are B/G, D/K, I, M. It's better to select it before auto installation.

Country
Select country as your location, TV will make auto-sorting after auto installation, it's better to select it before auto installation.

Auto Installation
Press right arrow key to start auto program search. TV will search all band for program.

Manual Installation
Press right arrow key to start Manual program search . TV will search upward until one program found. You could input the program frequency directly to find program also if you know it.

Fine Tuning
Press left/Right arrow key to decrease/increase current frequency step by step.

Organiser
Press left arrow or OK key to enter sub menu, then you could use four color key to Delete, Copy, Move, Skip program in the list.

Favourite Channel
Press left arrow or OK key to enter sub menu. There is 8 Favourite program which could be set . you could use left/right arrow key or digit number key to select favourite program.

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ANALOG MENU SCREENS

Time menu

Enter Timer menu, you could set time and turn on/off timer. With Time reference, you could set channel from which TV get teletext time. Current Time show the time of your TV remember, you could set this time manualy if you want. Otherwise, TV get it from channel for time reference .
Turn off/Wake up time used for setting of TV turn off and/or wake up time according current time. you could select which channel you want when the TV wake up according wake up time.

Preferences menu

Enter preferences menu you can setup the Zoom, Film mode, OSD Transparent.

Select preferences menu by press the up/down arrow key and enter the caption function by pressing left/right arrow key, you can adjust the Style function items by pressing left/right arrow key buttons.

Zoom
The picture display will change as 4:3 format , 16:9 format , 14:9 zoom, 16:9 ZOOM1,16:9 ZOOM2 when you change Zoom setting.

Film Mode
This option sets the file mode on or off .

OSD Transparent
you could select different OSD background transparent by it . Setting it from 0 to 7.

Teletext char. Set
you could select teletext character set by press left/right arrow key . it could be selected from 1 to 5 for character set West Eu. , East Eu. , Cyrillic , Turkey , Arabic.

ANALOG MENU SCREENS

Parental Control menu

Enter Parental Control menu you can set control of it .Press left/right arrow key to select Parental Control item, then press up/down arrow key to entry menu.

Input correct password to entry sub menu when PIN item is high light . The initial password is "0000".

Lock Installation
Press left/right arrow key to lock installation menu or unlock it. This item is only available in TV mode .

Channel Number
Press left/right arrow key to select channel which you want lock. This item is only available in TV mode .
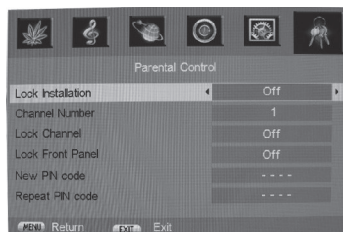
Lock Channel
Press left/right arrow key to active channel lock function on or off. This item is only available in TV mode.

Lock Front panel
Press left/right arrow key to lock front key board or not.

New PIN code/Repeat PIN code
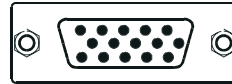Input and double confirm new PIN code if you want have one new password.

ANALOG MENU SCREENS

PC MODE

Installation

• Power off both Computer and Display before making any connections.

• Connect end of the signal cable to the 15-pin connector on the rear of the Computer and LCD TV.

• Tighten the screws of the Display cable until the connectors are fastened securely at both ends (finger-tighten only).

• If you are using Windows operating system running on a PC with a Microsoft Plug & Play compatible video card, your system will select the appropriate timing for your monitor.

PC Input typical display modes. The following table is an illustration of some of the typical video display modes.

15 Pin Mini D-Sub Connector

1	640X480(recommend 60Hz)
2	800X600(recommend 60Hz)
3	1024X768(recommend 60Hz)
4	480p
5	576p
6	720p(50/60Hz)
7	1080i(50/60Hz)

MENU in PC Mode

Enter menu by pressing the "MENU" button on the remote control. In PC mode state, there are 4 geneal menus (Picture, Sound, Time ,parental control)supported all functions are the same as in TV mode.
when you connect VGA cable to the jacks of PC or connect HD cable to device such as DVD, and select the signal source as "VGA" or "YPBPR" the screen menu will active.
You can use the function to adjust the display setting automatically or manual.

Geometry menu

H-Position
Press left/right arrow key to adjust the H-Position of television the screen appear as .
V-Position
Press left/right arrow key to adjust the V-Position of television the screen appear as.
Phase
Press left/right arrow key to adjust the phase of the picture. This item is only available in VGA mode .
Colck
Press left/right arrow key to adjust the updating frequency of the picture. This item is only available in VGA mode .
Auto Adjust
Press left/right arrow key to auto adjust PC size and position. This item is only available in VGA mode .

ANALOG MENU SCREENS

Preferences menu

Enter preferences menu you can setup the Language, Zoom, Film mode, OSD Transparent.

Select preferences menu by press the up/down arrow key and enter the caption function by pressing left/right arrow key, you can adjust the Style function items by pressing left/right arrow key buttons.

Language
Press the left/right arrow key and MENU buttons to select the osd Language.

Zoom
The picture display will change as 4:3 format , 16:9 format , when you change Zoom setting.

OSD Transparent
you could select different OSD background transparent by it. Setting it from 0 to 7.

Pip menu

Press up/down arrow key to select PIP item and press left arrow key to entry sub menu . PIP function is only avaiable in PC, HDTV, HDMI mode.

PIP
Press left/right arrow key to switch on or off PIP function .

PIP Source
Press left/right arrow key to select PIP source such as TV , AV.

Sound
Press left/right arrow key to select TV sound from main or PIP channel.

PIP Size
Press left/right arrow key to select PIP size such as 1 or 2 . 1 for small PIP picture, 2 for big PIP

ANALOG MENU SCREENS

HDMI Input Resolutions

HDMI Input typical display Modes.
The following table is an illustration of some of typical Video
display modes.

1	640X480(recommend 60Hz)
2	800X600(recommend 60Hz)
3	1024X768(recommend 60Hz)
4	480p
5	576p
6	720p(50/60Hz)
7	1080i(50/60Hz)
8	1080p(24/50/60Hz)

Y Pb Pr Mode(Component input)

The menu of Y Pb Pr mode is exactly same as the menu of HDMI mode.
YPbPr Input typical display modes.
The following table is an illustration of some of the typical video display Modes.

1	480i
2	480p
3	576i
4	576p
5	720p(50/60Hz)
6	1080i(50/60Hz)
7	1080p(24/50/60Hz)

BEFORE CALLING FOR SERVICE, HAVE YOU CHECKED (●) THE FOLLOWING CHART ON SYMPTOMS AND SOLUTIONS?

Symptoms \ Solution	Try different channel, if OK, probably station trouble	Check aerial connections on back of set	Check aerial for broken wires	Re-orient aerial (if indoor type)	Probably local interference, such as an appliance	Adjust fine tuning control	Adjust brightness control	Adjust contrast control	Check if station is broadcasting colour	Adjust colour control	Check if system switch is correct	Check if on/off switch is "on"	Check Batteries in Remote control
No picture, no sound	●	●	●			●					●	●	
Poor sound, picture OK	●			●	●	●					●		
Poor picture, sound OK	●	●	●	●	●	●	●				●		
Weak picture	●	●	●			●					●		
Blurred picture	●		●	●		●					●		
Double image	●	●	●	●		●							
Lines in picture	●		●	●	●	●							
Distorted picture	●		●	●		●					●		
Weak reception on some channels	●	●	●	●	●	●					●		
Horizontal bars			●	●	●								
Picture rolls vertically	●		●	●	●						●		
Poor colour	●	●	●	●	●	●	●	●		●	●		
No colour	●	●	●	●		●			●	●	●		
Misoperation of Remote control													●
No Remote control													●
On Screen Display Control outside the screen										●			